



*ITW*

Docket No.: 1454.1009-CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Werner STAMM

Serial No. 10/811,891

Group Art Unit: 1775

Confirmation No. 1323

Filed: March 30, 2004

Examiner: Unassigned

For: PRODUCT WITH AN ANTICORROSION PROTECTIVE LAYER AND A METHOD FOR  
PRODUCING AN ANTICORROSION PROTECTIVE

COMMUNICATION TO THE EXAMINER

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

For the Examiner's reference, enclosed is a copy of a Notice of Allowance issued in related U.S. Application No. 10/701,837. This application was published under Publication No. 2005/0064229A1. A copy of the published application is also enclosed.

If there are any questions regarding this communication, such questions can be addressed by telephone to the undersigned.

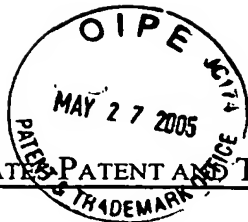
Respectfully submitted,

STAAS & HALSEY LLP

Date: May 27, 2005

By: *Mark J. Henry*  
Mark J. Henry  
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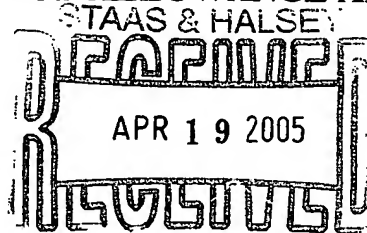


UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
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NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 12/17/2004  
LERNER AND GREENBERG, P.A.  
POST OFFICE BOX 2480  
HOLLYWOOD, FL 33022-2480



EXAMINER  
KOEHLER, ROBERT R

ART UNIT PAPER NUMBER

1775

DATE MAILED: 12/17/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/701,837	11/05/2003	Werner Stamm	GR 01 P 17466 CIP	7067

TITLE OF INVENTION: RHENIUM-CONTAINING PROTECTIVE LAYER FOR PROTECTING A COMPONENT AGAINST CORROSION AND OXIDATION AT HIGH TEMPERATURES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	03/17/2005

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



# UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/701,837	11/05/2003	Werner Stamm	GR 01 P 17466 CIP	7067
7590 12/17/2004				
LERNER AND GREENBERG, P.A. POST OFFICE BOX 2480 HOLLYWOOD, FL 33022-2480			EXAMINER KOEHLER, ROBERT R	
			ART UNIT 1775	PAPER NUMBER

DATE MAILED: 12/17/2004

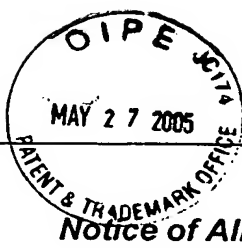
## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



Application No.

10/701,837

Examiner

Robert R. Koehler

Applicant(s)

STAMM, WERNER

Art Unit

1775

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the originally-filed papers of 11/05/03 and the new Declaration of 09/27/04.
2. ☒ The allowed claim(s) is/are 1-6.
3. ☐ The drawings filed on \_\_\_\_\_ are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All   b) ☐ Some\*   c) ☐ None   of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☒ Certified copies of the priority documents have been received in Application No. 10/279,580.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

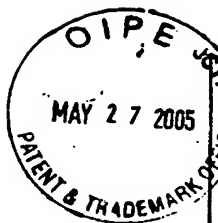
**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 11052003
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

ROBERT R. KOEHLER  
PRIMARY EXAMINER

ART UNIT 1775



FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	Attorney Docket No.: CIP of Applic. No. GR 01 P 17466 10/279,580 (10/761,837)  Applicant Werner Stamm  Filing Date of CIP Group Art Unit November 5, 2003 1775
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EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
RRK	A	4,005,989	02/77	Preston	_____	_____	_____
RRK	B	4,034,142	07/77	Hecht	_____	_____	_____
RRK	C	4,743,462	05/88	Radzavich et al.	_____	_____	_____
RRK	D	5,106,266	04/92	Borns et al.	_____	_____	_____
RRK	E	5,154,885	10/92	Czech et al.	_____	_____	_____
RRK	F	5,268,238	12/93	Czech et al.	_____	_____	_____
RRK	G	5,273,712	12/93	Czech et al.	_____	_____	_____
RRK	H	5,401,130	03/95	Chiu et al.	_____	_____	_____
RRK	I	5,455,119	10/95	Taylor et al.	_____	_____	_____

**FOREIGN PATENT DOCUMENT**

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES / NO
RRK	J	0 194 392 A1	9/17/86	Europe	_____	_____	_____
RRK	K	0 652 299 B1	5/10/95	Europe	_____	_____	_____
RRK	L	0 412 397 A1	2/13/91	Europe	_____	_____	_____
RRK	M	0 253 754 A1	1/20/88	Europe	_____	_____	_____
RRK	N	694 01 260 T2	5/10/95	Germany	_____	_____	_____

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)**

RRK		Anton, R. et al.: "Degradation of Advanced MCrAlY Coatings by Oxidation and Interdiffusion", Trans Tech Publications, Switzerland, Vol. 369-372, 2001, pp. 719, 721, 723, and 725 (no month given).
RRK		Czech, N. et al.: "Improvement of MCrAlY Coatings by Addition of Rhenium", Surface and Coatings Technology, 68/69, Elsevier Science S.A., 1994, pp. 17-21 (no month given).

EXAMINER Robert R. Koehler	DATE CONSIDERED December 12, 2004
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 (SUBSTITUTE)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))				Attorney Docket No.: GR 01 P 17466 CIP of Applic. No. 10/279,580 <u>(10/701,837)</u> Applicant Werner Stamm Filing Date of CIP November 5, 2003 Group Art Unit 1775			
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EXAMINER INITIALS	PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
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FOREIGN PATENT DOCUMENT							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES/NO
RRK.	J	WO 91/02108	2/21/91	WIPO			
RRK.	K	WO 91/01433	2/7/91	WIPO			
RRK.	L	WO 01/09403 A1	2/8/01	WIPO			
RRK.	M	WO 01/72455 A1	10/4/01	WIPO			
RRK.	N	WO 99/55527	11/4/99	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)		
RRK.		Beele, W. et al.: "Long-term Oxidation Tests on a Re-containing MCrAlY Coating", Surface and Coatings Technology, 94-95, Elsevier Science, S.A., 1997, pp. 41-45 (no month given).

EXAMINER <u>Robert R. Koehler</u>	DATE CONSIDERED <u>December 12, 2004</u>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>FORM PTO-1449 (SUBSTITUTE)</b>  <b>U.S. DEPARTMENT OF COMMERCE</b> <b>PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b> (37 CFR 1.98(b))				Attorney Docket No.: GR 01 P 17466 CIP of Applic. No. 10/279,580 <b>(10/701,837)</b>  Applicant Werner Stamm  Filing Date of CIP November 5, 2003 Group Art Unit 1775			
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FOREIGN PATENT DOCUMENT							
		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES   NO
<b>RRK</b>	J	1 082 216 B1	3/14/01	Europe			
	K						
	L						
	M						
	N						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
EXAMINER <b>Robert R. Koehle</b>				DATE CONSIDERED <b>December 12, 2004</b>			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							